APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Heterocycles in the Metabolism. III. Conversion of [5-C^{14}]-Pteridines by Micro-Organisms, by F. Korte, H. Weitkamp, H. G. Schlicke, 16 pp.

GERMAN, per, Chemisch Berichte, Vol XC, 1957, pp 1100-1107.

WIH 1-14a-60

Sci - Med

Mar 60

110,470

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Mercapto-Acrylic Acid Derivatives. II. A Mechanism for the formation of -Alkylmercapto-Acrylonitriles, by K. Gundermann, R. Thomas, 17 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, No 5, 1956, pp 1263-1270.

SLA Tr 1656 Jan 1957

46,205

Sci - Chem
Apr 1957

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Polyacetylenic Compounds. XVII (1) The Nature of Acetylenic Compounds, 9 pp, by F. Bohlman et al.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, pp 1281-1287.

CIA/FDD XX-239
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Feb 1957 CIS/dex
IAC INTERNAL USE ONLY

44, 182

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Identification of Aliphatic Acids by Their p-(4-nitro-phenyl-azo)-phenacyl esters and their Chromatographic Separation, by E. S. Amin and E. Becker, 11 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, p 1496-1502.

SLA 3260

Sci

Jul 58

68,591

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

New Views on the Formation and Constitution of Iron Carbonyls Containing Ethylenodiamine. (Metallic Carbonyls Part LXXIX, by W. Hieber, et al.

GERMAN, per, Chemische Berichte, Vol XC, 1957, pp 278-286.

CSIRO

Sci - Chem
Aug 62

211, 326

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Acids of Sulfur. V. Decomposition of Chain Sulfur Compounds, by Max and Telsby Schmidt, Gerhard, 18 pp.

GERMAN, per, Chemische Berichte, Vol XC, 1957, pp 1673-1683.

SLA 60-16905

Sci
26 May 62
Vol IV, No 8

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Göhring, Margot and Niedenzu, Kurt.
ON PHOSPHORUS-NITROGEN COMPOUNDS. [1960]
12p. (Illus. omitted) 18 refs.
Order from SLA mi$2.40, ph$3.30 61-10178

Trans. of Chemische Berichte (West Germany) 1956, v. 89, no. 7, p. 1768-1775.

Procedures are described for the preparation of phosphoroxy-triamide, $OP(NH_2)_3$, and alkylated amides of orthophosphoric acid and thiophosphoric acid and of amides of the phosphoric acid esters. The tetramide of the diphosphoric acid is prepared by reacting $Cl_2P(O)$-O-$(O)PCl_2$ with excess, liquefied ammonia. This compound, $(NH_2)_2P(O)$-O$(O)P(NH_2)_2$, is isotypical with the amide of imido-diphosphoric acid, $(NH_2)_2P(O)$-N(H)-$(O)P(NH_2)_2$ a substance, which can be obtained just like the pentamide of the diimido-triphosphoric acid, if one splits ammonium ion out of phosphoroxy-triamide, $OP(NH_2)_3$ by treatment with HCl. From phosphoroxy-triamide, $OP(NH_2)_3$ and
(Chemistry--Organic, TT, v. 5, no. 2) (over)

61-10178

1. Nitrogen compounds (Organic)--Synthesis
2. Phosphorus compounds (Organic)--Synthesis

I. Göhring, M.
II. Niedenzu, K.

141,152

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Structure of Phenylchromium Compounds. Aromatic Complexes of Metals of Group VI, by E. Otto Fischer, Dietlinde Seus, 6 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, pp 1813-1815.

CIA/FDD XX-240
NOT RELEASABLE TO FOREIGN NATIONALS

44, 183

Sci - Chemistry
Feb 1957 CTS/dex
IAC INTERNAL USE ONLY

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Preparation and Configuration of Some 3,4-Disubstituted Cyclohexane Carboxylic Acids, by Rudolf Criegee Arno Heinke, Christian Sommer, 22 pp.

GERMAN, per. Chem Ber, Vol LXXXIX, No 8, 1956, pp 1978-1988.

SIA 59-10526

Sci - Chem
Sep 59
Vol 2, No 1

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

A Mesitylene Complex of Divalent Iron Aromatic Complexes of Metals, VIII, 1959, by E. Otto Fischer, Rudolf Bottcher, 7 p.

GERMAN, per, Chem Ber, 1956, Vol LXXXIX, No 10, pp 2397-2400.

SLA 59-15935

Sci
Dec 59
Vol 2, No 6

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Goehring, Margot and Niedenzu, Kurt.
ON KNOWING THE REACTION BETWEEN AMMONIA AND DIPHOSPHORIC ACID TETRACHLORIDE [Uber Phosphor-Stickstoffverbindungen. IV Mittell. Zur Kenntnis der Reaktion zwischen Ammoniak and Diphosphorsäure-Tetrachlorid]. Rept. no. 4 On Phosphorus-Nitrogen Compounds. [1961] 4p. [3 graphs, 3 formulae omitted] 5 refs.
Order from SLA $1.10 61-10147

Trans. of [Chemische Berichte] (West Germany) 1957, v. 90 [no. 1] p. 151-153.

DESCRIPTORS: *Ammonia, Chemical reactions, *Phosphoric acids, *Phosphorus chlorides, *Chlorides.

(Chemistry--Inorganic, TT, v. 6, no. 1)

61-10147

I. Goehring, M.
II. Niedenzu, K.
III. Title: Phosphorus...

161590

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Goubeau, J. and Epple, R.
THE THERMAL DECOMPOSITION OF TRIMETHYL BORON. [1961] 10p. (figs. omitted) 7 refs.
Order from SLA $1.10 62-10387

Trans. of [Chemische] Ber[ichte] (West Germany) 1957, v. 90 [no. 2] p. 171-[181].

DESCRIPTORS: *Boron compounds, Boron, *Methyl radicals, Pyrolysis

(Chemistry--Inorganic, TT, v. 7, no. 8)

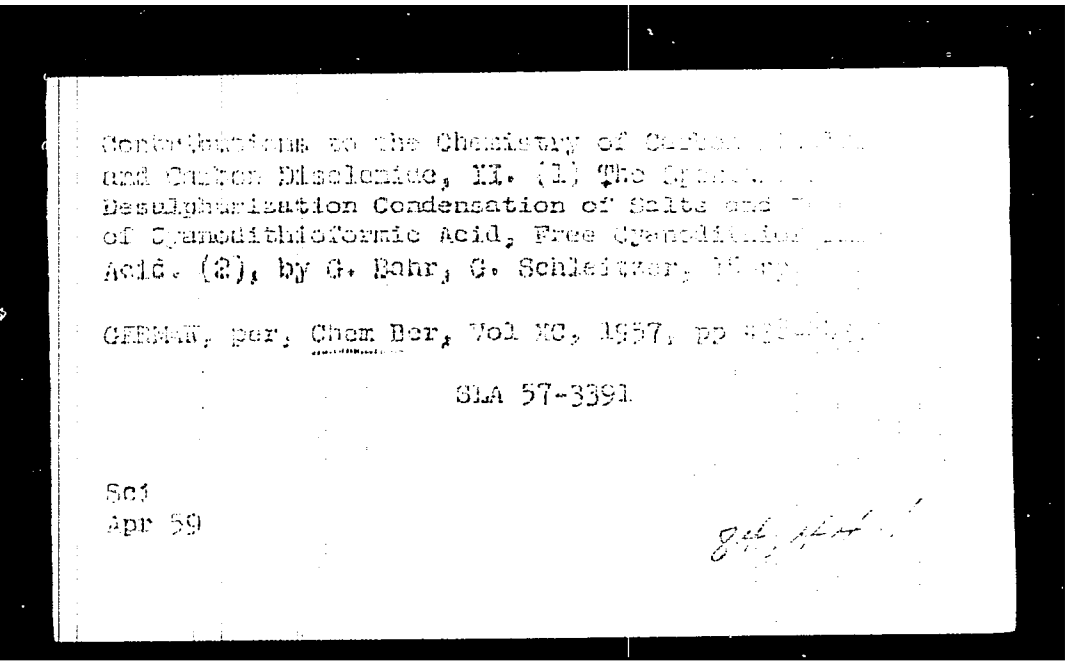
62-10387

I. Goubeau, J.
II. Epple, R.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6



Contributions to the Chemistry of Carbon ...
and Carbon Diselenide, XI. (1) The ...
Desulphurisation Condensation of Salts and ...
of Cyanodithioformic Acid, Free Cyanodithio...
Acid. (2), by G. Bohr, G. Schleitzer, ...

GERMAN, per, Chem Ber, Vol XC, 1957, pp ...

SLA 57-3391

Sci
Apr 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

On 1,2,4-Triazines. V: Side-Chain Oxidations of the 1, 2,4-Triazine Ring, by Reinhold Metze, Siegfried Meyer, 9 pp.

GERMAN, par, Chemische Berichte, Vol XXX XC, No 4, 1957, pp 481-485.

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Apr 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Müller, E., Fries, D., and Metzger, H.
DIRECT OXIMATION OF CYCLOPARAFFINS. Pt. 8 of Nitroso Compounds. [1961] 15p.
Order from ATS $23.85 ATS-78P58G

Trans. of Chem[ische] Ber[ichte] (West Germany) 1957, v. 90, p. 1188-1201.

DESCRIPTORS: *Methanes, *Oximes, *Nitroso radicals.

(Chemistry--Organic, TT, v. 7, no. 10)

62-12679

I. Title: Oximation
I. Müller, E.
II. Fries, D.
III. Metzger, H.
IV. Title: Nitroso...
V. ATS-78P58G
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

About the Dependence of the Rate of Aminolysis of n-Octadecyl Chloride Isomers Upon the Position of Chlorine in the Molecule, by Gerhard Geiseler, Friedrich Asinger, 7 pp.

GERMAN, per, Chemische Berichte, Vol XC, No 9, 1957, pp 1786-1789.

CIA/FDD XX-468
NORORN

Sci - Chem
Jul 58

IAC I [illegible] 67,778

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Structure of Chromium Phenyl Compounds. Aromatic Complexes of Metals VI, by E. Otto Fischer, Dietlinde Seus, 12 pp.

GERMAN, Ber, Chemische Berichte, Vol LXXXII, No 9, 1957, pp 1809-1815.

SLA 59-15934

Sci - Chem
Dec 59
Vol 2, No 4

103,786

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Dimroth, Karl, Kalk, Fritz, and Neubauer, Gerald.
NEW OXYGEN RADICALS, STABILIZED BY MESOMERISM: PT I. 15p 14refs.
Order from SLA $1.60 TT-64-18149

Trans. of Chem[ische] Ber[ichte] (West Germany) 1957, v. 90 [no. 9] p. 2058-2071.

(Chemistry--Organic, TT, v. 12, no. 7)

TT-64-18149

I. Dimroth, K.
II. Kalk, F.
III. Neubauer, G.

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Metal Complexes of Schiff's Bases Derived From o-Aminophenol and Dicarbonyl Compounds, by Ernst Bayer.
GERMAN, per, Chemische Berichte, Vol XC, No 10, 1957, pp 2325-2338.
SLA IT 64-20235

Apr 67 322,273

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

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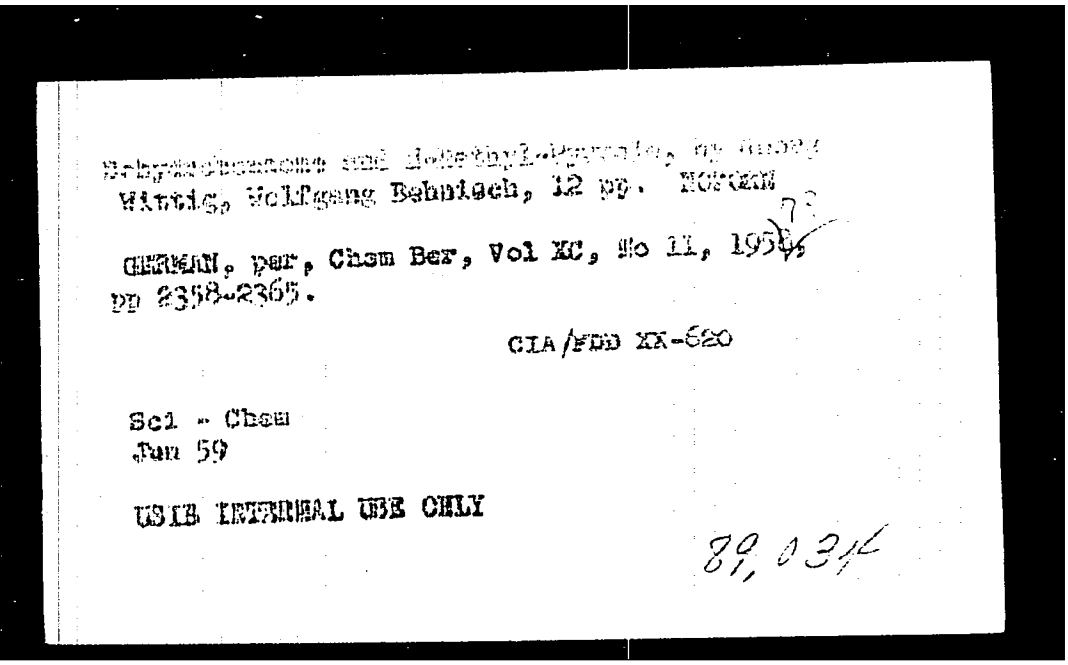

Wittig, Wolfgang Behnisch, 12 pp. Norken

GERMAN, per, Chem Ber, Vol XC, No 11, 1957, pp 2358-2365.

CIA/FDD XX-620

Sci - Chem
Jan 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

On Chemistry of Polyheterohalocyclohexanens. PT45
1-IODO-2,3,4,5,6-Penta-Chloro-and 1-IODO-2,4,5,-
TRI(Hetero)- Halocyclohexanene, by Randolph
Riemschneider and Gunter Mau.
GERMAN, per, Chem Ber,1957, vol. 90, no.12,
pp.2713-2719.
SLA-TT-64-20222

Chem
Aug 66

306,630

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Fluoroquinones I. Synthesis of Fluoroanil by ~~Hexa~~ Halogen Exchange, by K. Wallenfels, W. Draber, 23 pp.

GERMAN, per, Chem Ber, Vol XC, No 12, 1957, pp 2819-2832.

Dept of Commerce
Dr Henry Birnbaum
Natl Bur of Standards

Sci - Chem
Jul 60

120,060

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

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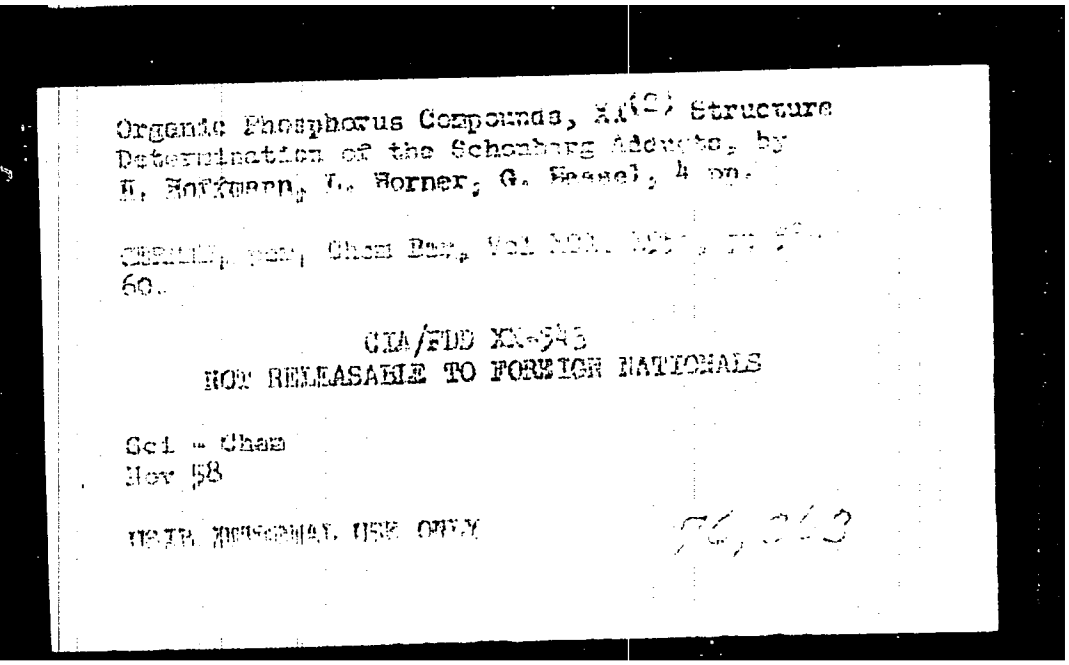

Organic Phosphorus Compounds, XX(2) Structure Determination of the Schonberg Adducts, by H. Hoffmann, L. Horner, G. Hassel, 4 pp.

Chemische Berichte, Vol XXX, 1957, pp [illegible] 60.

CIA/FDD XX-943
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Sci - Chem
Nov 58

[illegible] USE ONLY

FC, 243

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Intracrystalline Swelling as the General Model for Swelling Processes, by A. Weiss.
GERMAN, per, Chemische Berichte, Vol XCI, 1958, pp 487-502.

CSIRO/No 6354

Sci - Chem

Feb 64 250,121

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALTTETRACARBONYL WITH VARIOUS BASES, IV. [1961] 11p.
Order from ATS $15.85 ATS-73N51G

Trans. of [Chemische] Ber[ichte] (West Germany) 1958, v. 91, p. 1146-1155.

DESCRIPTORS: *Cobalt compounds. *Carbonyl radicals. Chemical reactions, Hydroxides.

(Chemistry--Inorganic, TT. v. 6. no. 3)

61-22636

I. Hieber, W.
II. Wiesboeck, R.
III. ATS-73N51G
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS/1002-GJ

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALTTETRACARBONYL WITH VARIOUS BASES, V. [1961] 6p.
Order from ATS $8.90 ATS-74N51G

Trans. of [Chemische] Ber[ichte] (West Germany) 1958, v. 91, p. 1156-1161.

DESCRIPTORS: *Cobalt compounds, *Carbonyl radicals, Hydroxides, Chemical reactions

(Chemistry--Inorganic, TT, v. 6, no. 3)

61-22635

I. Hieber, W.
II. Wiesboeck, R.
III. ATS-74N51G
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS/1003-GJ

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Syntheses With Pyridylpyridinium Halides -
Introduction of Substituted Amino Groups
Into the 4-Position of the Ex Pyridine Nucleus,
by Dietrich Jerchel, Ludwig Jakob.

GERMAN, par, Chemische Berichte, Vol XCI,
1958, pp 1266-1273.

Navy Tr 3453/APL 335

Sci - Chem
Aug 63

238,306

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

On the Nucleophilic Replacement of the Halogen in O-Bromobenzoic Acids,
by W. Mayer, R. Fikentscher.
GERMAN, per, Chemische Berichte,
Vol XCI, 1958, pp 1536-1541.
*AEC Tr 2338

Check AEC before releasing.

Sci-Chem
Feb 66

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Autoxidation of Hydrocarbons. XXII [2]. The Reaction of α-Cumyl Hydroperoxide With Lead Tetraacetate, by H. Hock, H. Kropf, 8 pp.

GERMAN, per, Chem Ber, Vol XCI, 1958, pp 1681-1687.

ATS-04L30G

Sci - Chem
Sep 59
Vol 2, No 1

97, 889

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Aromatic Complexes of Metals XVII [1], Cyclopentadien Metal Carbonyls of Nickel, by E. O. Fischer, C. Palm, 9pp.

GERMAN Chem Ber, Vol CXI
[redacted], per, [redacted]
[redacted] 1958, pp [redacted] 1725-1731

[redacted]
ATS-03L30G

Sci - Chem
Sep 59
Vol 2, No 1

97,265

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Dornow, Alfred and Rombusch, Konrad.
SYNTHESES WITH ACETYLENE COMPOUNDS. V. CONCERNING THE PREPARATION OF BI-1,2,3-TRIAZOLES. [1961] 6p. (experimental part omitted)
19 refs.
Order from SLA $1.10 61-20656

Trans. of Chemische Berichte (West Germany) 1958, v. 91, p. 1841-1846.

DESCRIPTORS: *Azoles, Synthesis. *Acetylenes, Chemical reactions.

(Chemistry--Organic, TT, v. 7, no. 2)

61-20656

I. Dornow, A.
II. Rombusch, K.
III. Title: Concerning...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Dornow, Alfred and Rombusch, Konrad.
SYNTHESES OF NITROGEN CONTAINING HETEROCYCLICS. XIX. ATROPISOMERISM (ENANTIOMORPHISM) IN A BI-1,2,3-TRIAZOLE COMPOUND. [1961] 4p. (experimental part omitted) 8 refs.
Order from SLA $1.10 61-20657

Trans. of Chemische Berichte (West Germany) 1958, v. 91, p. 1851-1854.

DESCRIPTORS: *Heterocyclic compounds, *Nitrogen, Synthesis, *Azoles, *Carboxylic acids, Acids, *Isomeric transitions, Optics, Racemization

A dicarboxylic acid of the bi-1,2,3-triazole series was separated into its enantiomorphs. The optical activity is explained by the hindrance to the free rotatability of the two triazole rings. (Author)

(Chemistry--Organic, TT, v. 7, no. 2)

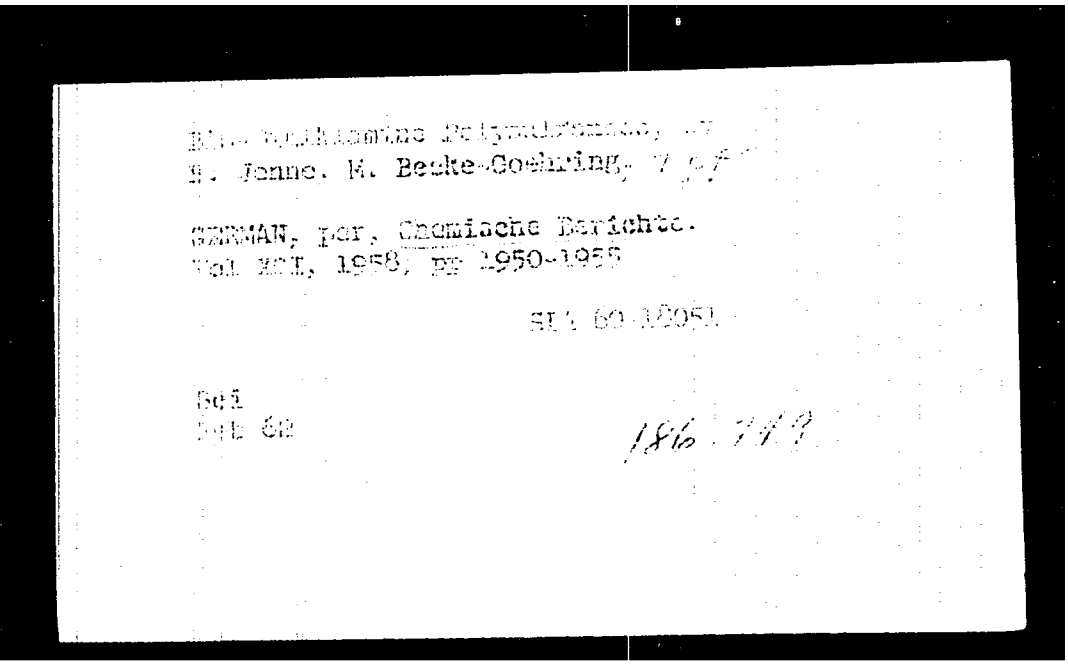
61-20657

I. Title: Enantiomorphism
I. Dornow, A.
II. Rombusch, K.
III. Title: Atropiromerism...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6



[illegible] Polymerisation, VI
G. Henne, M. Becke-Goehring, VI

GERMAN, Ber. Chemische Berichte.
Vol XCI, 1958, pp 1950-1955

SLA 60-12051

Ref
Sub 62

186.117

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Metal-Aromatic Complexes. XIX Alkali Salts Of Cyclopentadienyl Vanadium Tricarbonyls, by E.O. Fischer and S. Vigoureaux.

GERMAN, per; ~~Vol XCI,~~ NO 10, 1958, pp 2205-2209.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Reactions Of Iron Pentacarvonyl With Various N-Bases. I. Formation Of Quadrinuclear Carbonyl Ferrates, by Walter Hieber and Norbert Kahlen.

GERMAN, per, Chemische Berichte, Vol XCI, No 10, 1958, pp 2223-2228.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Reactions of Iron Pentacarbonyl with Various N- Bases. II. Formation of Mainly Binuclear Carbonyl Ferrates, by by Walter Hieber, Norbert Kahlen,

GERMAN, per, Chem Berichte, Vol XCI, No 10, pp 2234-2236. 1958

C.S.I.R.O.

Sci - Chem

May 60

116,423

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Reaction of Bromo-malonic Acid-dinitrile with Amines: A Contribution to the Polymerization Mechanism of Hydrocyanic Acid, by Walter Ruske. 12 pp.
GOVERNMENT USE ONLY
GERMAN, per, Chem Ber, Vol 91, 1958, pp 2496-2504.
NASA TT F-12,346

Sci-Chem

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Synthesis, Properties and Reactions of Pyrmidines. Report No. XI. Formamide Reactions, H. Brederick, R. Gompper, H. Herlinger.
GERMAN, per, Chemische Berichte, Vol 91, No 12, 1958, pp. 2832-49.
NTC 69-11651-07C

Sci-Chem
July 69 386,634

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Contributions to the Chemistry of Sulfur. 53 (2). On Unsymmetrical Sulfan Derivatives of the Type RS_nCl and RS_nN, by H Franz Feher, Walter Krause.

GERMAN, per, Chem Berichte, Vol XCI, 1958, pp 2528-2531.

SLA 60-18078

194, 297

Sci

May 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Oxygen Radicals. IX. The Dimerizing Dehydrogenation of Phenols by Means of 2,4,6-tri-tert.-butylphenoxyl-(1), by K. Ley, E. Muller, R. Mayer, K. Scheffler.

GERMAN, per, Chem. Ber, Vol XCI, 1958, pp 2670-2681.

NFCC TT-852

Sci - Chemistry
Jan 61

136,413

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Oxygen Radicals, X. Electron Paramagnetic Resonance (EPR) Investigations of Oxygen Radicals, by E. Müller, K. Ley, K. Scheffler, R. Mayer.

GERMAN, per, Chem. Ber, Vol XCI, 1958, pp 2682-2692

NRCC TT-853

Sci - Chemicals
Jan 61

136,414

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Aromatic Complexes of Metals. XXIII. Aromatic Substitutions In Cyclopentadienylmanganese Tricarbonyl
by E.O. Fischer and K. Pleszke.

GERMAN, per, Chemische Berichte, Vol XCI, 1958,
pp 2719-2726.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Conversion of Pyrrole Into Pyridine, by M. Dennstedt, J. Zimmermann.

GERMAN, per, Chemische Berichte, Vol XVIII, No 2, 1885, pp 3316-3319.

*AERE, Harwell

Sci - Chem
Jul 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

A New [redacted] Rearrangement of Phenylalkanes;
by Costin D. Nenitzescu, Ileana Necsoiu, et al, 14 pp.

GERMAN, per, Chem Ber, Vol XCII, No 1, 1959,
pp 10-17.

SLA 60-18537

203, 222

Sci

Sum 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Kinetics of the Liberation of the Benzine From Benzene Halides, by Rolf KRulagen, Juergen Sauer, 18 pp. NOFORN

GERMAN, per, Chem Ber, Vol XCII, 1959, pp 192-202.

CIA/FDD-XX 697
NOFORN
SLA 59-1708

Sci
Nov 59
USIB Internal Use Only

101, 100

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Stereochemistry of the Pinner Splitting, by Friedrich Cramer, Hans-Joachim Baldauf, 15 pp. NOFORN

GERMAN, per, Chem Ber, Vol XCII, 1959, pp 370-378.

CIA/FDD-AX 698

NOFORN

Sci

Nov 59

USIB Internal Use Only

101, 102

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Kinetics of the Ring-Closing Reactions to N-Methyl-Indoline and N-Methyl-Tetrahydroquinoline, by Rolf Huisgen, Horst Konig, Hole Bleeker, 8 pp. NOFORN

GERMAN, pers, Chem Ber, Vol XCII, 1959, pp [illegible].

CIA/FDD-XX 699

NOFORN

Sci
Nov 59
US/B International Use Only

101,095

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Armomatic Complexes of Metals. XLVI.
Irinvestigations of Metal Cyclopentadiethyl
Complexes, by Heinz P. Fritz, 13p.
GERMAN, per, Chemische Berichte, Vol 92,
No 4, 1959, pp 780-791.
SLA TT-65-10190

333, 018

Sci
Jul 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Reactions of Acid Amide Acyl Halide Adducts: Preparation of Substituted Amidines and Amidrazones, by Hellmut Bredereck, Rudolf Gompper, Kurt Klemm, Hainz Rempfer, 20 pp. NOFORN

GERMAN, per, Chem Ber, Vol XCII, 1959, pp 837-849.

CIA/FDD-X(701

NOFORN

Sci

Nov 59

USIB Internal Use Only

101,096

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Dependence of the Reactivity of Functional Groups in Paraffin Hydrocarbons on Their Position in the Molecule. II. The Substitution Ration in the Ozone-catalyzed Oxidation of n-Octadecane With Oxygen, by G. Geiseler, F. Asinger, H. Wien, 15 pp.

GERMAN, per, Chemische Berichte, Vol XCII, No 4, 1959, pp 958-970.

SLA 60-14534

Sci
Aug 61

163,223

OTS VOL III No 12

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

[redacted]-Chinuclidone-(6), A Mesomery-Free Acid Amide, by Horst Pracejus, 8 pp.

GERMAN, per, Chemische Berichte, Vol XCII, No 4, 1959, pp 988-998.

SLA 60-14069

Sci

Sep 61

169,069

Vol III, No 9

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

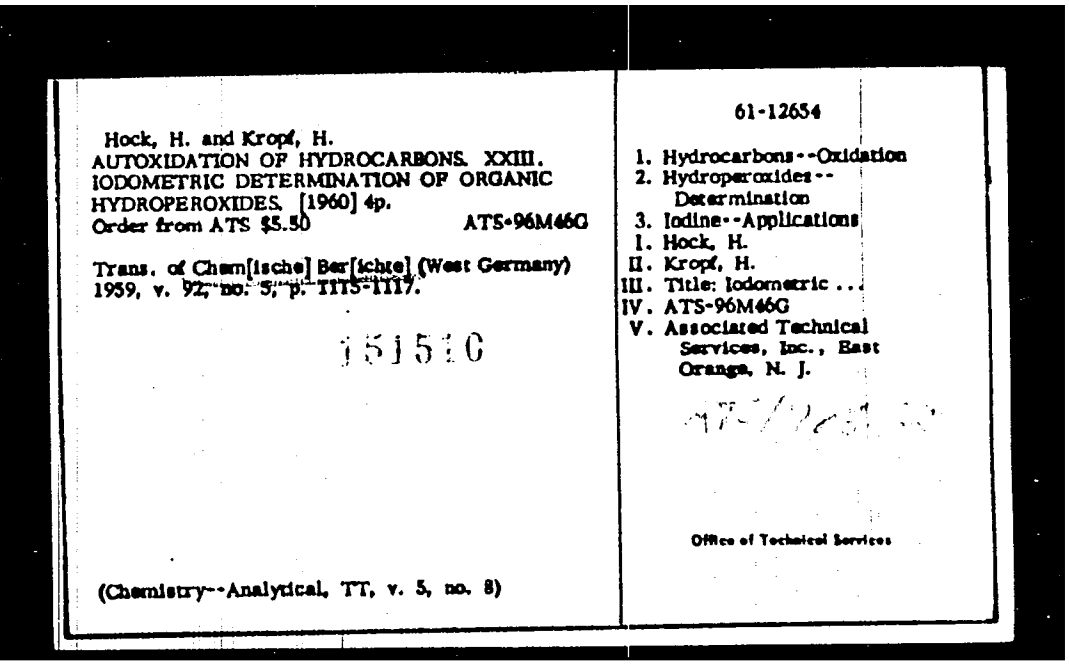
The Propyne/Propadiene Equilibrium,
by Johann F. Cordes, Helmut Gunzler, 8p.
GERMAN, per, Chemische Berichte, Vol 92,
No 5, 1959, pp 1055-1062.
SLA TT-64-30688

336, 172

Sci
Aug 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6



Hock, H. and Kropf, H.
AUTOXIDATION OF HYDROCARBONS. XXIII. IODOMETRIC DETERMINATION OF ORGANIC HYDROPEROXIDES. [1960] 4p.
Order from ATS $5.50 ATS-96M46G

Trans. of Chem[ische] Ber[ichte] (West Germany) 1959, v. 92, no. 5, p. 1115-1117.

151516

(Chemistry--Analytical, TT, v. 5, no. 8)

61-12654

1. Hydrocarbons--Oxidation
2. Hydroperoxides--Determination
3. Iodine--Applications
I. Hock, H.
II. Kropf, H.
III. Title: Iodometric ...
IV. ATS-96M46G
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Becke-Goehring, Margot and Koch, Günther.
CHARACTERIZING PHOSPHONITRILOCHLORIDES.
[1961] 6p. (3 figs. 1 footnote omitted) 13 refs.
Order from SLA $1.10 62-10380

Trans. of [Chemische] Ber[ichte] (West Germany) 1959, v. 92, no. 5, p. 1188-[1195].

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides, Molecular structure, Chemical reactions, Polymerization, Polymers, Rubber, Hydrolysis.

(Chemistry--Organic, TT, v. 7, no. 8)

62-10380

I. Becke-Goehring, M.
II. Koch, G.

201339

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Dicyclopentadiene-Nickel(0), by Ernst Otto Fischer, Helmut Werner, 6p. GERMAN, per, Chemische Berichte, Vol 92, No 6, 1959, pp 1423-1427. SLA TT-65-10335

333, 815

Sci
Jul 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Plieninger, Hans and Schneider, Kurt.
THE BONDING OF AMMONIA TO SHIKIMIC ACID.
[1960] 11p. (3 diagr. omitted) 8 refs.
Order from SLA mi$2.40, ph$3.30 61-10302

Trans. of Chem[ische] Ber[ichte] (West Germany)
1959, v. 92, no. 7, p. 1587-1593.

In the bonding of ammonia to shikimic acid (I), the principal products are two stereoisomeric amino acids of constitutions III and IV. (Author)

(Chemistry--Organic, TT, v. 5, no. 4)

61-10302

1. Amino acids--Chemical reactions
2. Ammonia--Chemical reactions
3. Shikimic acid--Chemical reactions
I. Plieninger, H.
II. Schneider, K.

143,180

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Milk Trisaccharide Cleaveble by Viruses of the Influenza Group, by Richard Kuhn, Reinhard Brossmer.

GERMAN, per, Chemische Berichte, No 92, 1959, pp 1667-1671.

MH 2-65-63

Sci - Biol/Med Sci

May 63

231,825

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Klamann, D., Sass, C., and Zelenka, Maria.
THIONYL AMINES AND SULFINIC ACID AMIDES.
[1961] 5p. 8 refs.
Order from SLA $1.10 61-20514

Trans. of Chemische Berichte (West Germany) 1959 [v. 92] no. 8, p. 1810-1813.

DESCRIPTORS: *Amines, *Sulfonyl radicals, *Sulfinic acids, *Amides, Synthesis, Chemical reactions, *Grignard reagents.

Thionylamines for under suitable conditions in good yields and form with a Grignard reagent not only sulfinic acid anilides, but also, sulfinic acid amides R'-SO-NH-R with an aliphatic or cyclo-aliphatic radical R and R'. (Author)

(Chemistry--Organic, TT, v. 7, no. 1)

61-20514

I. Klamann, D.
II. Sass, C.
III. Zelenka, M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Unsaturated Aldehydes and Ketones. 3. Synthesis of the Violet-Leaf Aldehyde Trans, Cis-Nonadiene-(2,6)-al-(1), by C. Jutz.

GERMAN, par, Chemische Berichte, Vol XCII, No 9, 1959, pp 1983-1989.

CSIRO Tr 4956

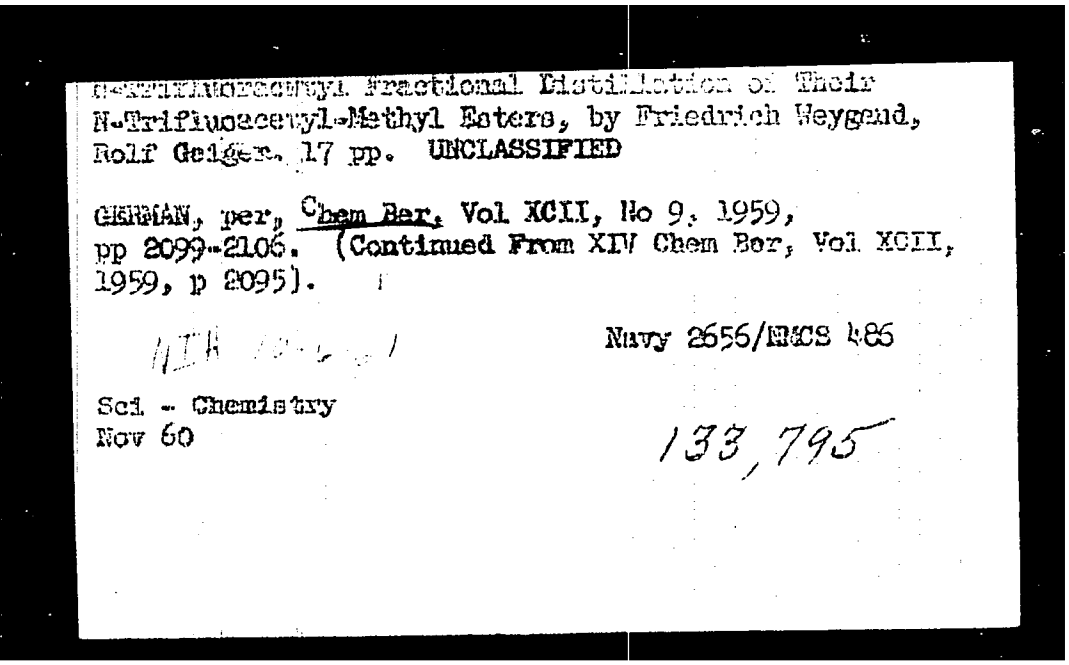
Sci - Chem

156, 521

Jun 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6



[illegible]-Trifluoroacetyl Fractional Distillation of Their N-Trifluoroacetyl-Methyl Esters, by Friedrich Weygand, Rolf Geiger. 17 pp. UNCLASSIFIED

GERMAN, per, Chem Ber, Vol XCII, No 9, 1959, pp 2099-2106. (Continued From XIV Chem Ber, Vol XCII, 1959, p 2095).

Navy 2656/NAVS 486

Sci - Chemistry
Nov 60

133,795

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

On the Lubricating Property of Organic Molbedenum Compounds, by Gunter Spangler, A. Weber, 10 pp.

GERMAN, per, Chemische Berichte, V ol XCII, 1959, pp 2163-71.

CIA/FDD XX-961
NOFORN

Sci- Chemistry
Feb 61

140,497

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Ziegler, Karl, Lehmkuhl, Herbert, and Lindner, Eberhard.
ELECTROLYSIS OF SEVERAL COMPLEX ORGANO-ALUMINUM COMPOUNDS ON INDIFFERENT ANODES. [1963] 21p
Order from K-H $21.00 K-H 9575

Trans. of Chemische Berichte (West Germany) 1959, v. 92, p. 2320-2332.

DESCRIPTORS: *Ziegler catalysts, *Metalorganic compounds, Complex compounds, *Aluminum compounds, Alkyl radicals, Electrolysis, *Electrochemistry, Anodes (Electrolytic cell).

(Chemistry--Physical, TT, v. 10, no. 10)

63-22507

I. Ziegler, K.
II. Lehmkuhl, H.
III. Lindner, E.
IV. K-H-9575
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Lux, Hermann and Illmann, Günther.
KNOWLEDGE ABOUT CHROM(II)- SALTS AND CHROMIUM (II) OXIDE [REPT.] II. [1963] 12p.
19 refs.
Order from SLA $1.60 63-14224

Trans. of Chemische Berichte (West Germany) 1959, v. 92, no. 9, p. 2364-2371.

DESCRIPTORS: *Chromium compounds, *Oxides, Synthesis (Chemistry), Mercury alloys, Salts, Oxalates, Formates, Carbonyl radicals, Decomposition, Hydroxides, Dehydration, Solubility, Crystal structure.

The products obtainable by the oxidation of chromium amalgam and described in the older literature as chromium (II) oxide are amorphous under x-ray, indefinite in their composition and always contain considerable mercury. They should be deleted from the literature as chromium (II) oxide. The thermic de-
(Chemistry--Inorganic, TT, v. 10, no. 4) (over)

63-14224

I. Lux, H.
II. Illmann, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Preparation on N. N.-di-tert.-butyl-hydroxyl-amine and di-tert.-butylamine, by W. Klages. GERMAN, per, Chemische Berichte, Vol 92, 1959, pp 2606-2610
*AEC
BIC 1 Jun 66

Sci/Chemistry
May 66

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Preparation and Chemical Behavior of Aliphatic and Cycloaliphatic Diphosphines, R_2P-PR_2, by
K. Issleib, W. Seidel.
GERMAN, per, Chem Ber, Vol 92, No 11, 1959, pp 2681-2694.
Chem Trans Sv 2582

321,636

Sci - Chemistry
Mar 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Hock, Heinrich and Ernst, Franz.
HYDROPEROXIDES FROM METAL-CONTAINING HYDROCARBONS, I. [1962] 14p.
Order from K-H $17.50 K-H 12385 a

Trans. of Chemische Berichte (West Germany) 1959, v. 92, p. 2716-2723.

DESCRIPTORS: *Hydroperoxides, *Metalorganic compounds, *Hydrocarbons.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12978

I. Hock, H.
II. Ernst, F.
III. K-H-12385-a
IV. Kresge-Hooker Science Library Association, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

TT-65-13877 Field 7C

Viehe, H. G.
HETEROSUBSTITUTED ACETYLENES. III. NUCLEOPHIL SUBSTITUTIONS AND HALOGEN-METAL EXCHANGE REACTIONS ON TRIPLE BONDS. 19p, 45refs.
Order from SLA: $1.60 as TT-65-13877

Trans. of Chemische Berichte (West Germany) v92 n12 p3064-75 1959.

I. Title: Nucleophil . . .

MR 667

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Synthesis of Tetracyclic Disintegration Products of Anhydro-Terraclins, by Hans Muxfeldt, 45 pp.

GERMAN, per, Chemische Berichte, Vol XCII, No 12, 1959, pp 3122-3150.

SLA 61-10304

Vol V, No 5
Jul 61

160,176

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Note on Ir- and Raman-spectroscopic Investigations on Structure of the Chromium-Dibenzene and of Its Cation, by H. P. Fritz, W. Luettke.
GERMAN, per, Chemische Berichte, Vol 92, No 12, 1959, pp 3246-3250.
NYC-69-12729-07E

Sci-Chem
Sept 69

391,148

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Feit, Peter W.
SYNTHESIS OF THE STEREOISOMERIC 1, 2; 3, 4-DIOXIDOBUTANE. [1962] 23p. (figs. tables, refs. some formulae omitted).
Order from SLA $2.60 62-16266

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93 [no. 1] p. 116 [-127].

DESCRIPTORS: *Stereochemistry, Dioxides, *Butanes, Synthesis, Molecular structure, Molecular isomerism.

Meso- and racemic 1, 2; 3, 4-dioxidobutane are prepared and a method for analytical determination of mixtures of the above is given with the aid of infrared spectra. The synthesis of previously unknown optical antipodes of optically active 2, 3-dichloro- and 2, 3-dibromobutanediols obtained via the dissociation of racemic forms as well as via the optically active 1, 4-dichloro- and 1, 4-dibromobutanediols is
(Chemistry--Organic, TT, v. 8, no. 9) (over)

62-16266

I. Feit, P. W.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Rieche, Alfred, Gross, Hans, and Höft, Eugen. α-HALOGEN ETHERS. IV. SYNTHESES OF AROMATIC ALDEHYDES WITH DICHLOROMETHYL-ALKYL ETHERS. [1962] 8p. (refs. omitted). Order from SLA $1.10 62-16294

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93 [no. 1] p. 88-94.

DESCRIPTORS: *Halogens, *Ethers, Hydrocarbons, *Aldehydes, Synthesis, Chlorides, Methyl radicals, Alkyl radicals, Friedel-Crafts reactions, Catalysts, Catalysis

Aromatic hydrocarbons form the corresponding aldehydes with dichloromethyl-alkyl ethers in the presence of Friedel-Crafts catalysts with good yields. A simple method is given for the preparation of chloroethanes on a laboratory scale. (Author)
(Chemistry--Organic, TT, v. 8, no. 9)

62-16294

I. Rieche, A.
II. Gross, H.
III. Höft, E.
IV. Title: Syntheses...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

K. H. Lieser

Phase Formation in the System $AlCl_3$/HCl/ Toluene.
GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 176-180
NTC 72-12506-07D

sept 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

K. H. Lieser

Phase Formation in the System $AlCl_3$/HCl/ Mesitylene.
GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 181-186
NTC 72-12507-07D

ATS 61Q076

sept 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Isonitriles, Preparation of Isonitriles From Monosubstituted Formamides by Means of Dehydration, by Ivar Ugi, Rudolf Meyr, 12 pp. GERMAN, per, Chemische Berichte, Vol XCIII, 1960, pp 239-248. 9692209
DDC RSIC-127

Sci - Chem
Apr 64

253,726

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Criegee, R. and Schröder, G.
A CRYSTALLIZED INITIAL OZONIDE. Rept. II on Course of Ozone Splitting. [1961] 10p. 16 refs. Order from SLA $1.10 61-20975

Trans. of Chemische Berichte (West Germany) 1960, v. 93, no. 3, p. 689-693.

DESCRIPTORS: *Ozonides, Production, Crystal structure, Ozone, Butyl radicals, Glycols, Ethylenes, Crystallization.

During ozonization of trans-di-tert.- butyl-ethylene at -75° a crystallization product originates, which at elevated temperatures undergoes exothermic change to a normal ozonide. The constitution of the unstable compound as initial ozonide is shown among other ways by reduction to racemic di-tert. - butyl-ethylene glycol. (Author)

61-20975

I. Criegee, R.
II. Schröder, G.
III. Title: Course. . .

(Chemistry--Organic, TT, v. 7, no. 7) Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Kortuem, Gustav and Vogel, Josef.
CHEMISORPTION AND COLOR OF MALACHITE GREEN O-CARBOXYLIC ACID LACTONE IN VARIOUS INTERPHASES. [1963] 21p 10refs
Order from SLA $2.60 TT-64-10160

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93, p. 705-719.

DESCRIPTORS: *Lactones, *Carboxylic acids, *Triphenyl methanes, *Chemisorption, Salts, Alkali metal compounds, Alkaline earth compounds, Chlorides, Sulfates, Oxides, Polyethylenes,

(Chemistry--Physical, TT, v. 11, no. 8)

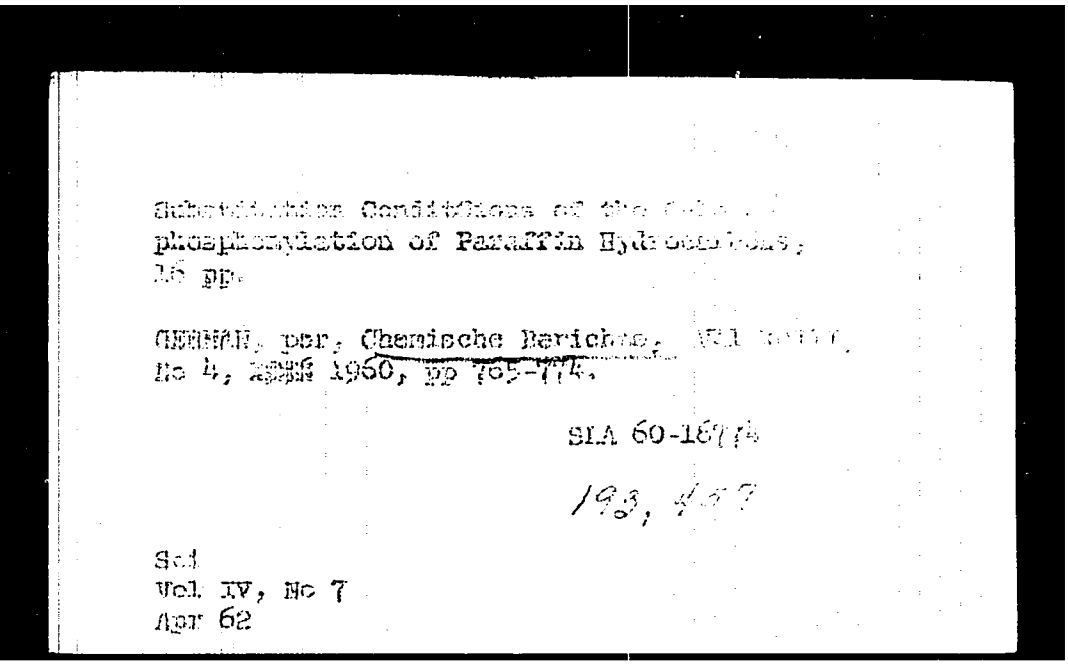
TT-64-10160

I. Kortuem, G.
II. Vogel, J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6



Chemical Conditions of the [illegible]
phosphorylation of Paraffin Hydrocarbons,
16 pp.

[illegible], per, Chemische Berichte, Vol [illegible],
No 4, [illegible] 1960, pp 765-774.

SLA 60-1874

193, 437

Sol
Vol IV, No 7
Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Synthesis With Enamines, V. Lengthening of Chain of Mono- and Dicarboxylic Acids by 5 to 10 Carbon Atoms, by S. Hunig, W. Lendle.

GERMAN, per, Chemische Ber, Vol XCIII, 1960, pp 913-920.

CSIRO

Sci - Chem
Oct 61

171, 385

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

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Nöth, Heinrich and Beyer, Hasso.
THE CHEMISTRY OF BORON. III. REDUCTION OF FUNCTIONAL ORGANIC GROUPS BY ALKYL AMINE BORANES. 15 Nov 60, 14p. 7 refs.
Order from SLA $1.60 63-10570

Trans. of Chemische Berichte (West Germany) 1960, v. 93, p. 1078-1084.

DESCRIPTORS: Boron, Reduction (Chemistry), Organic compounds, Alkyl compounds, Amines, *Boron compounds, *Hydrides, *Boranes, Alcohols, Aldehydes, Ketones, Chlorides, Benzoyl radicals, Quinones, *Organoboranes.

Alkyl amine boranes, $R_nH_{3-n}N.BH_3$, reduce aldehydes, ketones, and acid chlorides to the corresponding alcohols. p-Benzoquinone is reduced to hydroquinone. The reaction procedure is illustrated using as examples the
(Chemistry, TT, v. 10, no. 1) (over)

63-10570

I. Nöth, H.
II. Beyer, H.
III. Title: Reduction . . .

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Behavior of Nonmetal Chalcogenides With Liquid Ammonia. Part VI. The Behavior of Tetraphosphorus Tetrathiohexoxide with Liquid Ammonia, by L. Huber.
GERMAN, per, Chemische Berichte, vol. 93, 1960, pp. 1137-1143.
NIC 71-12753-07B

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Preparation and Reactions of Esters of Phosphonous and Phospinous Acids, by Manfred Sander, 15 pp.

GERMAN, per, Chem Berichet, Vol XCIII, 1960, pp 1220-1230.

SLA 60-16869

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Vol IV, No 7
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192, 647

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The KBr Compressed Tablet Technique
in Infra Red Spectroscopy, by W. Kutzelnigg.

GERMAN, per, Chemische Berichte, Vol XCIII, No 6, 1960, pp 1279-1283.

CSIRO 5546

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Dec 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Gundermann, K. D., Holtmann, Gerhard and others. FORMATION, RING SPLITTING AND ISOMERING OF ETHYLENE IMINE CARBONIC ACID-(2) DERIVATIVES. [1961] 18p. 21 refs.
Order from SLA $1.60 62-10423

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93, p. 1632-1642.

DESCRIPTORS: *Ethyleneimines, Imines, *Carbonic acids, Acids, Isomers, Isomeric transitions, Synthesis, Molecular structure, Sodium compounds, Hydroxides, Propionic acids, Chemical reactions, Amino acids, Hydrochloric acids.

Kinetic investigation of HCl splitting from alpha-chloro-beta-amino and alpha-amino-beta-chloro-propionic acid in the presence of caustic soda solution shows that both form ethylene imine carbonic acid-(2). (Chemistry--Organic, TT, v. 7, no. 10) (over)

62-10423

I. Gundermann, K. D.
II. Holtmann, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Acid-Catalyzed Decomposition of Isomeric Hydroperoxy-n-Octanes, by W. Pritzkow. GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 2151-2156.
NTC-71-12668-07C

Nov 71

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

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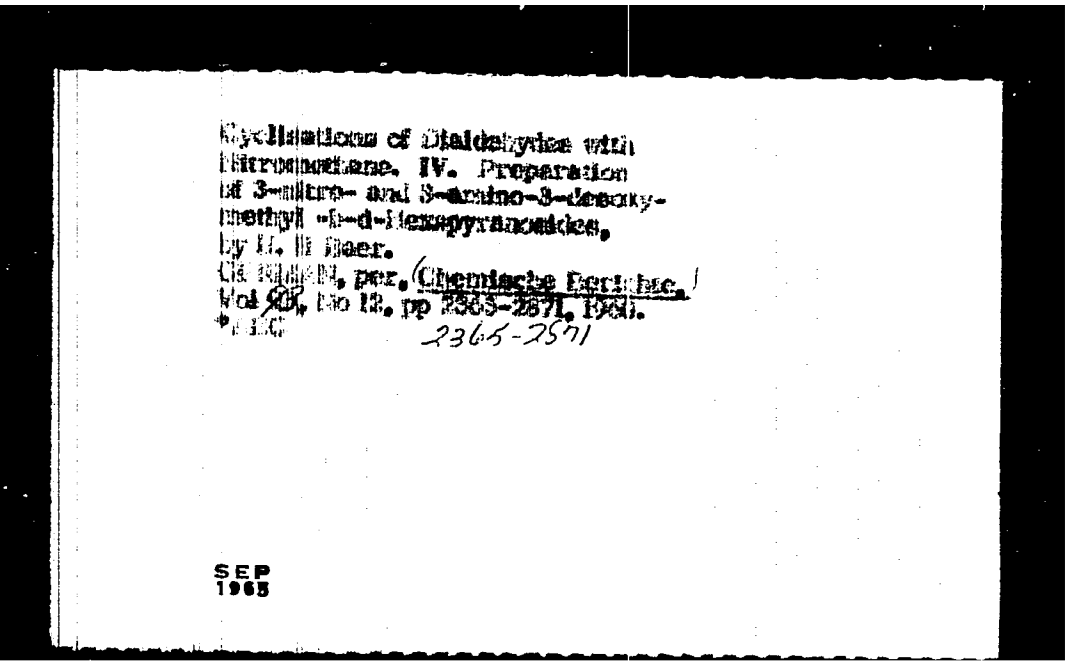

Cyclization of Dialdehydes with Nitromethane. IV. Preparation of 3-nitro- and 3-amino-3-deoxy-methyl -D-d-hexopyranosides.
by M. M. Baer.
Cl [illegible], per. (Chemische Berichte.)
Vol 98, No 12, pp 3965-3971, Dec.
[illegible]
3965-3971

SEP
1965

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

The Formation of Urea Adducts by Position-isomeric N-Alkane Derivatives, by G. Geisler, P. Richter.

GERMAN, per, Chemische Berichte, Vol XCIII, No 11, 1960, pp 2511-2521.

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Tr No 1703

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Jan 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Formation of Ketones in the Gas Phase Oxidation of n-Pentane in the Low Temperature Range, by Gerhard Ohlmann, Edgar Schrader, Thermal [illegible].

GERMAN, per, Chem Ber, Vol XCIII, 1960, pp 2567-2572.

CIA/FDD XX-1066
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem 170, 170

Oct 61

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Synthesis of Ferrocene Derivatives on the Basis of Boron and Halogen Substituted Ferrocenes, by A. N. Nesmeyanov and V. A. Sazonova et al.
25 pp.
GOVT. USE ONLY
GERMAN, per, Chemische Berichte, No 93, 1960
pp. 2717-2729.
RSIC-712

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Franzen, Volker and Mertz, Christian.
ON THE MECHANISM OF HOFMANN ELIMINATION WITH SULFONIUM SALTS. [1962] 5p. 8 refs.
Order from SLA $1.10 62-16258

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93 [no. 12] p. 2819-2823.

DESCRIPTORS: *Sulfonium radicals, Salts, Ethyl radicals, Bromides, Iodides, *Methyl radicals, *Elimination reactions, Molecular association, Sodium compounds.

Triethyl-sulfonium-bromide and -iodide become converted smoothly with trityl sodium into triphenyl methane, diethyl sulfide and ethylene. The attack of the base on the sulfonium salt is preponderatingly at the methylene groups, as was shown by experiments with $(CH_3CD_2)_3SX$ (X = Br, I). There is a discussion of the factors that influence the relation of this
(Chemistry--Organic, TT, v. 8, no. 9) (over)

62-16258

I. Title: Hofmann degradation
I. Franzen, V.
III. Mertz, C.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Criegee, Rudolf.
PREPARATION OF SOME ALIPHATIC KETOZONIDES. [1961] 16p. 15 refs.
Order from SLA $1.60 61-16429

Trans. of Chemische Berichte (West Germany) [1960] v. 93, no. 12, p. 2891-2897.

DESCRIPTORS: *Ozonides, Synthesis, Ketones, Ethylenes, Ozone, Chemical reactions.

While aliphatic tetrasubstituted ethylenes ordinarily do not form ozonides, some ozonides form in good yields if at least one of the substituents contains an electron-attracting group. Trimethylacrolein and mesityl oxide yield the same ozonide. (Author)

(Chemistry--Organic, TT, v. 6, no. 5)

61-16429

1. Criegee, R.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Ziegler, Karl and Hoberg, H.
REACTION INHIBITION OF ALUMINUM TRIALKYLS BY ASSOCIATION. [1963] 22p
Order from K-H $22.00 K-H 11313

Trans. of Chemische Berichte (West Germany) 1960, v. 93 [no. 12] p. 2938-2950.

DESCRIPTORS: *Ziegler catalysts, *Metalorganic compounds, *Aluminum compounds, Alkyl radicals, Chemical reactions.

(Chemistry--Physical, TT, v. 10, no. 10)

63-22506

I. Ziegler, K.
II. Hoberg, H.
III. K-H-11313
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Winterstein, Alfred, Studer, André, and Ruegg, Rudolf.
NEW RESULTS IN CAROTENOID RESEARCH. [1963] [27p] 27refs
Order from SLA $2.60 TT-64-10482

Trans. of Chemische Berichte (West Germany) 1960, v. 93 [no. 12] p. 2951-2965. (Abstract available)

DESCRIPTORS: *Carotenoids, Plants (Botany), Grasses, Fruits, Vegetables, Intestines,

Original experiments on the following topics are described: carotenoids of citrus fruit; determination of carotenoid-aldehydes in spinach; determination of carotenoid-aldehydes in grass, clover, green caggage, lettuce and cress; determinationof β-apo-8'-carotene in the mucosa of the intestines; carotene of the tomato; determination of bisdehydrolycopene in Spanish oranges; (Biological Sciences--Biochemistry, TT, v. 11, no. 9)
(over)

TT-64-10482

I. Winterstein, A.
II. Studer, A.
III. Ruegg, R.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Considerations on the Pliability of Nitrogen Chains in Amides and ~~I~~ Diazo-Amides on the Basis of a ~~XXX~~ Simple Molecular Orbital Theory, by John D. Roberts.

GERMAN, per, Chemisch Berichte, Vol XCIV, No 1, 1961, pp 273-278.

~~XXXXX~~
*ERDL, Ft Belvoir T-207

Sci - Chem
17 Jan 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Horner, L., Hockenberger, L., and Kirmse, W. AZINE BISOXIDES AND NITRIMINES FROM DIAZOALKANE DERIVATIVES. [1962] 9p.
Order from ATS $10.45 ATS-86P59G

Trans. of Chem[ische] Ber[ichte] (West Germany) 1961, v. 94, p. 290-297.

DESCRIPTORS: *Oxides, *Pyridines, *Azo compounds, *Imines.

(Chemistry--Organic, TT, v. 8, no. 2)

62-17146

I. Horner, L.
II. Hockenberger, L.
III. Kirmse, W.
IV. ATS-86P59G
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Schrauzer, Gerhard N.
THE CHARACTERIZATION OF BIS-ACRYLONITRILE-NICKEL (O) PT. III. 10p (1 ref omitted) 18refs.
Order from SLA $1.10 TT-64-16685

Trans. of Chemische Berichte (West Germany) 1961, v. 94 [no. 3] p. 642-650.

(Chemistry--Organic, TT, v. 12, no. 6)

TT-64-16685

I. Schrauzer, G. N.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Contribution to the Chemistry of the Diazacyclopropanes, by S. R. Paulsen GERMAN, per, Chemische Berichte, Vol 94, 1961, pp 968-975
NTC 71-15255-07C

mar 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6

Schrauzer, Gerhard N.
REACTIONS OF NICKEL (0)-ACRYLONITRILE COMPLEXES WITH ALKYNES. CONTRIBUTION TO THE CLEARING OF REACTION MECHANISM OF REPPE-CATALYSTS. 39 20refs.
Order from SLA $1.10 TT-64-16983

Trans. of Chem[ische] Ber[ichte] (West Germany) 1961, v. 94 [no. 6] p. 1403-1409.

(Chemistry--Organic, TT, v. 12, no. 5)

TT-64-16983

I. Schrauzer, G. N.
II. Title: Contribution . . .

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800020-6